GRUMMAN

plane news

Vol. 41, No. 13, July 16, 1982. Bethpage, N.Y. 11714

Don't clown around, the picnic's tomorrow!

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Patent and pact for conformal radar

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More answers on deferred compensation

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people

A giver

Blood drive articles are usually about why there's not enough or why some individual needs blood. Here's one about someone who gives blood.

Bill Harwood, a senior lead man in Plant 1, has been giving blood for some 30 years — three, four and more times a year.

He first joined Grumman in 1945, was laid off, and then returned in 1952.

His story began about a week after he returned. His son, Mike, then about a year and a half old, liked to "shave" with his dad in the morning. Bill had given him an empty razor to use.

One particular morning, Bill recalls, "When I was at work, he was shaving. He wanted to put on some after-shave and he fell on the tile floor on top of the bottle."

His arm was badly cut and he had to be hospitalized. Mike

Bill Harwood

needed blood and got it, but Bill, not knowing then that Grumman had a plan to pay for blood, took care of the bill himself.

"I was approached a few weeks later by someone from the Welfare Department (now known as Employee Services) with a chit to pay for the blood we used.

"I felt so grateful that I started giving blood whenever there was a call for it."

Since then, he has made 12 gallons of documented donations. He figures the true total is more like 15 gallons.

He is the Grummanite with the most donations, according to the blood program's Dennis McRedmond. Several months ago the program asked for names of Grummanites who had given a gallon or more of blood. Of the 103 names that turned up, Bill led the list, followed by Jack Barnett of Plant 6, who has donated six gallons, and Ron Brown, also of Plant 6, and Jack Cabre of Plant 77. Both of them reached the five gallon mark.

"It's nothing, really," Bill answers when asked why he's kept it up so long. "I feel good about it. When somebody tells me I can't give anymore, then I'll stop."

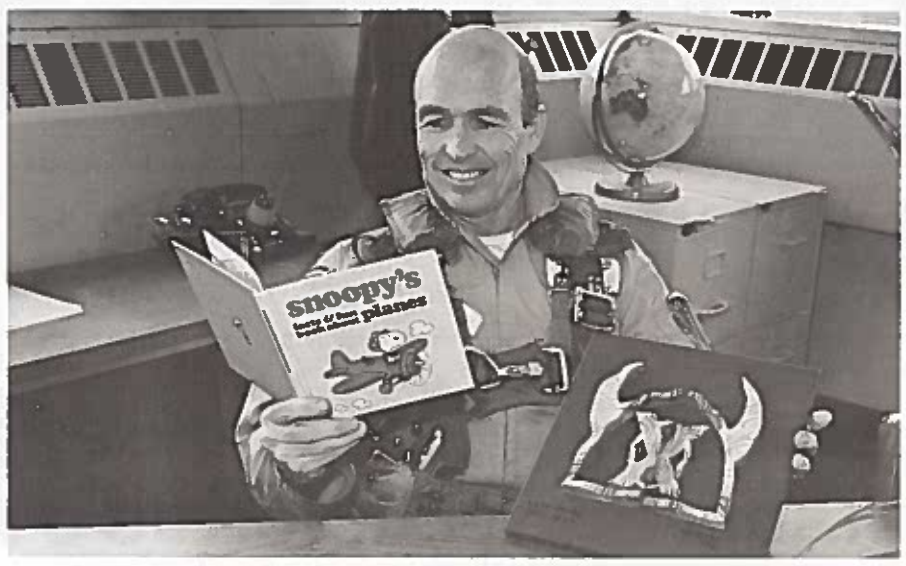
And what about his son Mike? Well, he's following his dad in several ways. He just had his first anniversary with Grumman — and he's a regular blood donor, too.

Top pilot

Chief Test Pilot Chuck Sewell got more than an "A+." His paper, "F-14 Asymmetric Thrust and External Stores Flight Test Program," won top honors from the European Experimental Test Pilots Symposium held in Sweden last month.

The 28-page report "explains a safe way to perform some very dangerous and difficult maneuvers," says Sewell. In part, it discusses techniques for recovering from out-of-control flight following the sudden loss of one engine while operating at maximum thrust. The report is based on a flight test program that included 122 flights and over 1,000 maneuvers.

"We also did a lot of wind tunnel and simulator work in compiling the data," said Sewell. "The flight test program was successful — and safe — because we did it right. We hope it provides useful information for F-14 pilots."



Research. *Famous author Chuck Sewell reads everything about aviation that he can get his hands on. Award is a wood carving by Swedish artist Kansvad. (Photo by Karl Thoma)*

They followed him home. *The bees now live in Frank Hurley's backyard. (Photo by Bob Settles)*

Bzzzy day

It was not a typical day for Frank Hurley, a chief chemist in Plant 10. Summoned by Grumman Security, he was asked to remove a large swarm of bees from a tree in the Plant 25 parking lot. But the job did not bother Hurley. He even collected all the bees and brought them back to his house. Hurley is a beekeeper.

"I guess you could say I'm the Grumman naturalist," Hurley says. "Last year Security called and I had to remove a raccoon that was on some water pipes."

Hurley says that there were about 25,000 bees in the swarm, but not once was he stung. "They were newly settled in the tree," he explains, "and they tend to be very gentle. If they had been there for a longer period of time, I would have worn bee equipment."

The hive was too high up for a step ladder, so a truck with an extending bucket was brought in for the operation. Hurley proceeded to cut the branch, which fell into a cardboard box, but about half the bees remained in the tree. Hurley went up in the bucket once again and shook the branches, and eventually all the bees were in the box.

"Once the queen bee entered the box, the rest of the bees soon followed," he says.

Hurley now keeps the bees in his back yard where he says they have adjusted well. "They are producing a good amount of honey for me."

Professionally speaking

Last month, seven Grumman engineers presented papers at the Society of Women Engineers (SWE) National Conference in Dearborn, Michigan.

Representing Grumman Aerospace were: Patricia Rinaldi of ILS and Judith Holmgren of Aerodynamics with their paper, "Logistics Simulation Modeling in Aircraft Development;" JoAnne DeCicco of Software Systems. "Solid — The Software Life Cycle Development Environment;" Silvia Raudvere of Equipment Design Engineering, "Automatic Continuity/Short Testing—Big Machine Capability in a Portable Unit;" Barbara Mencher of ILS Data System, "Career and Marriage;" Judith Ann Gauland of Manufacturing and Materials Development, "A Career Change;" and Angela Cosgrove of Computer Design, "Efficient Computer-Aided Engineering."

Over 1,000 women engineers from across the nation gathered for the four-day conference. Grumman Aerospace is one of over 70 companies which hold SWE corporate memberships.

McBride wins $2,920 by cutting costs and time

Robert McBride of Plant 43 has just become $2,920 richer: he won the top Project Sterling Award for April and May, heading a list of 78 winners.

All those good ideas resulted in savings of $991,478, with $30,137 given out in cash awards to the winners. Calverton Operations headed all locations with 17 awards, followed by Bethpage and Great River with 16 and 15, respectively. Milledgeville received 10 awards.

In the money. Robert McBride (top) won $2,920; John LaRusso (below) is $2,415 richer.

McBride, a Methods Planner, saved the company $226,800 in the first year with a plan he designed to cut back costs and time.

His plan involved the installation of a Manufacturing Operational Data System (MODS) keypunch operation at Great River Operations. Prior to the installation of the MODS, it was necessary to send input sheets to Plant 2 for processing — with an average turnaround time of five days.

By having the keypunch at Great River, the reproduction and filing required by the old system was eliminated. The new system is more timely and reduces errors. "It also created several keypunch jobs," McBride says. "It's been a big help. The new plan has been in effect since last July and it has really worked well."

John LaRusso, a leadworker at Plant 2, received a check for $2,415 for his money-saving idea. LaRusso suggested loading parts to be alodined (a process in which chromated solution is used to protect aluminum parts) in individual tote boxes, then placing them into rotating tumbler baskets for the alodine process.

With the new procedure the parts don't have to be dried and sorted. The process has saved $65,668 in its first year.

Grumman also issued a check for $1,935 to Fred Williams Jr. for his Computerized Automatic Tester (CAT W) testing system in Great River. Williams's plan has already saved the company $43,740 in its first year.

GRUMMAN plane news

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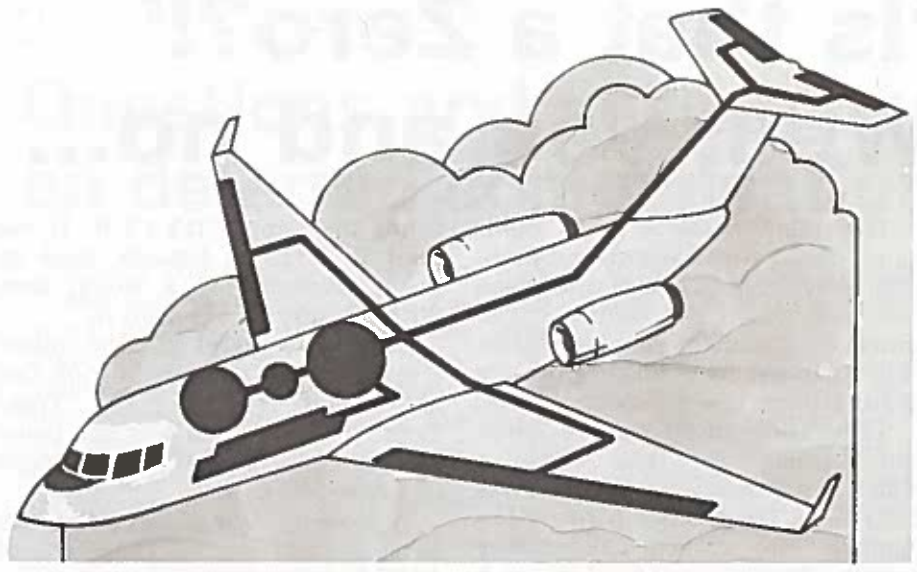


New look. *Conformal radar can be embedded in the wings, tail, or fuselage of an aircraft.*

New antenna technology packs a wallop in a wing

Conformal radar proves that good things come in small packages. It promises to make aircraft lighter and sleeker, while still providing the same full radar coverage as conventional radar. So dramatic are its possibilities that Grumman has devoted nine years to researching and developing the concept.

That commitment paid off within the past few weeks as the Conformal Radar program reached two milestones: a U.S. patent for the system, and a $1.74-million contract from the Naval Air Development Center in Warminster, PA. to continue laboratory and ground test.

Conformal radar is an antenna system which can be embedded in the leading and trailing edges of a wing and in the sides of an aircraft fuselage.

The system gets its name from physically conforming to the basic shape of the aircraft. Since this eliminates the drag and weight of external radomes, conformal radar is regarded as the key to lightweight surveillance radar for future aircraft.

The new contract, which is the latest in a series of awards to develop the technology, is for the demonstration of conformal radar's electronic counter-countermeasures capability. The system, combined with advanced anti-jamming electronics, can see through enemy jammers.

Conformal radar is viewed as an example of the weapons system integration which will be a requirement of aircraft in the 1990s. In future aircraft, electronics will be designed into the total airframe, not just added on.

Work called for under the new contract will take place over the next two years.

A Tiger for Intrepid. *The wings are in place, and now the F-11-F is ready for delivery to the U.S.S. Intrepid, docked at New York Harbor's Pier 86 at West 46 St. The Grumman Restoration Team restored the Tiger for display onboard the new floating air-sea-space museum. The Intrepid will be open to the public later on this month. (Photo by Rich Breunig)*

'Is that a Zero?!' Well, yes and no...

The pilot made a steep right-hand diving turn towards the Bethpage runway, then a high speed pass just feet above the tarmac. The sound of the engine was unmistakably different from engines usually heard around the Bethpage airfield.

The "Hinomaru" on the wings and fuselage of the Japanese wings and fuselage of the Japanese Zero held the attention of Grummanites who circled the runway and stood on the roofs of Plants 5 and 25. It caught the attention, too, of some members of the Japanese Air Self Defense Force (JASDF) who were working in Plant 4 at the time.

"Actually, it is and it isn't a Zero," explained Grumman chief test pilot Chuck Sewell, who was flying the plane. "It's a T-6. It was built in 1953 in Canada, used by the Canadians for a while, then 20th Century Fox bought it."

The movie studio gave the trainer a make-up job to make it look just like a Zero for the movie "Tora! Tora! Tora!" This was the plane used for most of the close-up shots of Zeros, Sewell says.

A close-up view of the plane may have startled several members of JASDF who were on a training flight aboard an E-2C, when they looked out the Hawkeye's window and saw the Zero on its flight from Calverton to Bethpage.

While the Zero may be a newcomer to Bethpage, it wasn't new to Sewell, who took his basic flight training in the same model.

Scene stealer. *The Zero got lots of attention when it flew into Bethpage (top). Members of JASDF (below, L) gathered around for a closer look; even Grumman Aerospace President George Skurla (below, R) wanted to check it out. (Photos by Walter Hudson)*

Got your picnic tickets yet?

The Grumman Family picnic is the biggest family affair of the year and it's tomorrow! Get your kids and lawn chairs packed now so you can leave for the Calverton picnic grounds bright and early tomorrow. Gates open at 8 a.m. and the band strikes up the festivities at 10. (If you haven't purchased your tickets yet, you must buy them today; none will be sold at the gate tomorrow. They're available at your local ESO — $4 per person, kids under 12 enter free.)

Don't know your way to the Calverton picnic grounds? Do this: Take the Long Island Expressway to exit 69, Wading River Road, head north to Route 25, turn right and follow the signs; or, take the LIE to exit 68, William Floyd Parkway, go north to Route 25, turn right and follow the signs. If you're coming from the east you may prefer to go north on Edwards Avenue, LIE exit 71. Make a left onto Grumman Road, then follow the signs.

If it should rain tomorrow, the rain date is Sunday, July 18. Radio stations WBAB, WNYG, WGBB, WLIR, WHLI, WGSM, WLIX, WALK, WRIV, and WLNG will carry news of a postponement. Or, you can call LR5-3391 or LR5-3895.

Business as usua

The plane News adverting supplement will be accepg ads again starting Monday July 19.

Unit values

Investment Plan
Unit Values
as of
May 31, 1982

Equity Fund $1.583 ($1.645)
Fixed Income Fund $2.688 ($2.650)
Guaranteed Income Fund . . . $1.446 ($1.433)
Company Stock Fund . . . $27.063 ($25.375)

(April 30, 1982 values are in parenthesis)

Passing on the word. *Jerry Barber of Corporate Systems is one of the advisors to the teens belonging to the Great River Explorers post.*

Grummanites help teens explore computer science

They're beating down the doors at Great River. Ask for a volunteer for a community-related program and you've got a waiting list.

That's what happened recently when the folks at Plants 43 and 44 in Great River were asked to sponsor a Boy Scout Explorer Post for teens interested in computer science. Over 30 people volunteered to fill about a dozen positions as advisors and committee members to help 14 to 18 year old boys and girls manage a club that has grown to 80 teens in just five months.

"Scout Explorer posts are the latest way in which the scouting movement is serving the youth of this country," says Bob Watkins, vice president and deputy director of Corporate Material Operations. Watkins serves scouting as the Suffolk County council vice president-Planning.

There are now 133 Explorer posts on Long Island, affiliated with private corporations and public agencies. "When organizations such as these are willing to open their doors a few hours a week to organized youth groups, and adults are willing to volunteer their time and expertise, everyone benefits," says Watkins.

Explorers clubs find strong support in many companies. McDonnell Douglas sponsors 12 posts; Rockwell has seven. Usually each post is set up to teach skills in one particular profession.

The dozen Grummanites teach the teens about the world of computers, from soldering wire to writing FORTRAN programs. The teens set their goals, choose what they want to learn, and how they will raise and spend money. In short, they learn to lead.

"As advisors, you don't push, you don't demand," says Ed Starling, the post's head advisor and Great River's data processing manager.

Carol Sidorski, personnel manager and chairperson of the committee that set up the post, says, "Whenever possible, we allow them to govern themselves. We are not here as authority figures."

The intermediate and advanced Explorers are learning FORTRAN and have developed a computer system for tracking post attendance and treasurer's records. The beginners are building two Sinclair computers from kits.

Where does the money come from? Some comes from donations. The Great River supervisors club donated $105 for one kit. Another group bought the post flag. The wife of one Grummanite owns a printing shop and donated the post's stationery.

But the teens earn the rest. "As part of the post," says Sidorski, "we teach them about financial commitment. They get what they earn."

Can you help?

Another computer-oriented Scout Explorer post is being planned by Grumman for teens in the Bethpage area. In addition, future posts in Engineering, Aerospace, Security and Secretarial are being considered. Any Grummanites with backgrounds in these related areas who would like to become advisors should contact Tom Newman, GAC Explorer Post Coordinator, Ext. 6057. The computer post also needs equipment. If you have your own test equipment or computer hardware you would like to donate, give Tom a call.

How, why and where

Questions and answers on deferred compensation

By now you've gotten your copy of the booklet describing the deferred compensation option of the Employee Investment Plan. Many Grummanites have called Personnel Relations with questions about the new offering. Here are a few of the things they've asked:

How can I decide whether to make regular or deferred compensation contributions?

It depends on your financial goals. If you are saving for a down payment on a house or for college tuition for the kids, keep in mind that you will be able to withdraw from your regular contributions without paying additional taxes. Your regular contributions were taxed before they were deposited to the plan.

If you withdraw deferred compensation contributions, that withdrawal will be taxed as ordinary income — and could substantially increase your taxes in a given year.

If I make deferred compensation contributions starting October 1, what effect will this have on my taxable earnings this year?

Your W-2 form will show your taxable income, reduced by the amount of your deferred compensation contributions for the fourth quarter of 1982. You will see the full impact of making deferred compensation contributions in 1983.

If I make deferred compensation contributions to the Employee Investment Plan, can I still open an Individual Retirement Account (IRA)?

Yes. You may take advantage of both, if your circumstances permit.

What happens to money I already have in the Employee Investment Plan?

Money already in the plan will continue to be subject to existing plan provisions. Money that you designate as deferred compensation contributions will be subject to plan provisions regulating this new option, effective October 1, 1982.

Can I make a lump-sum contribution to my deferred compensation account?

No. By definition, a deferred compensation account consists only of money deposited by an employer for you. You can't transfer regular contributions to your deferred compensation account.

However, you may continue to make lump-sum contributions to your regular account, according to existing plan regulations.

I'm already putting 14 percent of my base pay into the investment plan. Can I put in an additional four percent as deferred compensation contributions?

No. Fourteen percent is the maximum that you may contribute — including regular and deferred compensation. During the enrollment period, you may designate a portion of that as deferred compensation contributions.

The enrollment period ends on August 13; sign-up cards must be returned by that date. If you need additional information or have questions, call Personnel Relations, Ext. 3521.

Last chance! Band's on the run

You haven't heard the Grumman Employees Band? Time's running out — but you still have two opportunities to catch their act before summer's over.

They will be appearing on Friday, July 16, at Christopher Morley Park, poolside. Go north on Searingtown Road from LIE Exit 36, Roslyn.

Last appearance will be at Port Jefferson Memorial Park, Main Street and Broadway (Rt. 25A), Port Jefferson, on Friday, July 23.

Both performances begin at 8:30 p.m. Take along a lawn chair.

Personals

My family and I would like to thank all my friends and co-workers for their thoughtfulness and sympathy expressed during our recent loss of my brother, Robert. Jeff Quarles and Family

The family of Anthony J. Provenza thanks you sincerely for sharing our sorrow. Your thoughtfulness is appreciated and will always be remembered.

My daughter and I would like to express our sincere thanks and appreciation for all your kindness, sympathy and thoughtfulness, with a special thank you to department 172, during the recent loss of my father, Charles P. Uge. Marjorie Calsetta

On behalf of my family and myself I would like to thank all my friends and coworkers for their kind expression of sympathy during the recent loss of my mother. Florence Del Solo

My family and I would like to extend our sincere thanks to all who offered their sympathy and kindness during the recent loss of my husband. Genevieve Haake and Family

What do you think?

The Equal Rights Amendment (ERA) was recently defeated — but people still have strong opinions about it. *Plane News* asked Grummanites at McKay Field in Bethpage how they feel about the death of this controversial amendment.

What do you think?

Gerard Sims

I think it's terrible. Women have been discriminated against long enough. They are still lacking many rights, such as opportunities in the job market. While I feel they should serve in the Army, I don't favor them fighting on the front line, or in combat.

Peggy Tyd

I'm so happy it was defeated. We have so much to be thankful for right now. We have all the rights we could possibly want and need. It gets me so annoyed to see what the ERA movement has done. We have to stop and realize what we have now, because we have our rights already.

Barbara Friedel

It was a simple amendment that should have been passed. Why can't we be considered equal under law? If we are involved in a war, we are all involved. We should all defend our country. In the business world, women are not being treated equally. If the ERA had passed, we would have a much improved female-male working relationship.

Walt Zywan

Women today have lots of rights and freedoms as is. I think that if the amendment were passed, many people would lose respect for women or become intimidated by what is happending to them. The rights they have now offer them everything they need. What more do they want?

Bob Cannavale

In two years, we'll have this argument again. I feel the women have their rights and they will not sit back and let this happen again. They'll pull all forces together and try to get the amendment passed next time, and I hope the outcome will be positive.

Frank Hurley

I'm kind of glad to see it go. When the amendment was introduced about 10 years ago, people became aware of the problems women faced. Through this, improvements in women's rights were made. The deluge of the media brought many problems to light.

Brian Clancy

It's very encouraging to see that it was defeated. Women have got everything they could possibly want now, so why have an amendment for what they already have? For what the amendment offered, women's needs have already been satisfied.

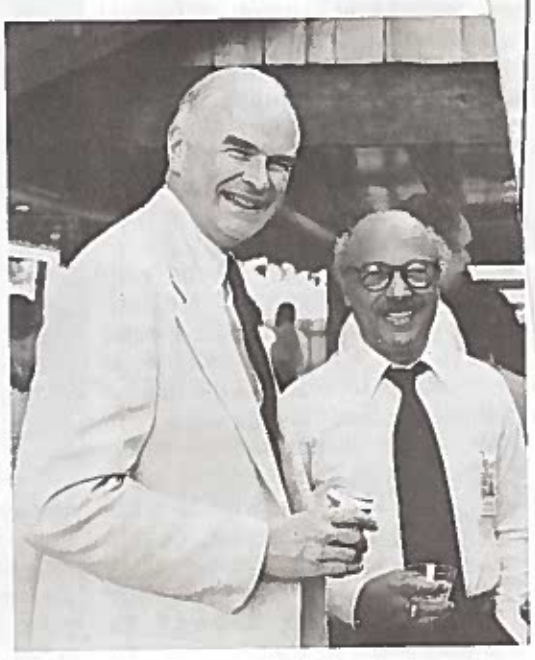
Claire Kolensky

It was pathetic. We have our rights and we should have it made official. There is so much discrimination still going on. In Minnesota, if a woman who owns land marries, the ownership of the land goes to her husband. How can that be called equal rights?

Opportunity for fun

Grummanites from all over the company were invited to the annual Opportunity Development Department picnic at McKay Field in Bethpage.

Their hosts were Opportunity Develpment co-directors Jean Esquerre (in photo below, right, with Grumman Corporation Chairman Jack Bierwirth) and Vice President Bill Voorhest (on right in lower left photo) with (L-R) Wendell Bodden and John Harriman.



obituaries

RALPH E. MARCHIONDA JR. of ILS Training Systems Engineering, Pl. 4, died May 30 at the age of 49. He had been with the company since 1969 and resided at 1 Ruby Lane, Huntington.

EDDIE M. COX JR. of Cutter Grinder, Pl. 2, died May 31 at the age of 60. He had been with the company since 1951 and resided at 103 Williams Ave., Amityville.

DAVID E. LAMBERSON of Requirements Planning, Pl. 43, died June 1 at the age of 41. He had been with the company since 1963 and resided at 216 Concord Rd., Shirley.

GENEVIEVE F. KAMINSKI of Repro Services, Pl. 15, died June 2 at the age of 54. She had been with the company since 1977 and resided at 358 Idaho Ave., N. Massapequa.

JACK H. WOODS of tool Fab. Mgmt/ Staff, Pl. 2, died June 29 at the age of 55. He had been with the company since 1952 and resided at 45 Elmira St., Hicksville.

scorecard

Ace is up

For Charlie Catalano and the three fellows he was with that day, it was a rare sighting. "It was the first ace anyone in our foursome had ever seen!" says Charlie.

Charlie swung that six-iron on the fourth hole of the Yellow course at Bethpage State Park, the ball headed for the flag, and dropped into the cup for a hole-in-one. It's something he'll never forget.

Bowling carnival

The Grumman Recreation Department will be holding a Bowling Carnival, Sunday, August 22, at the Sheridan Bowling Academy on Jericho Turnpike in Mineola. The fee will be $6 per person for three games with an 80 bowler maximum. Prizes will be awarded, and the carnival gets under way at 1 p.m. For further information call the Recreation Department at Ext. 2133.

Chess

The 1982 Grumman chess championship starts July 30 in the Recreation building, Plant 28A, at 7 p.m.

This year's competition will be expanded to include an open and an amateur section. Those interested in participating should contact Ken Marley, Ext. 4901.

Upcoming date

Recreation just released the date for the annual pilgrimage to West Point this fall. The West Point football team will take on Boston College on Saturday, October 23. More information will appear in future issues.

Mets tix

Tickets are now on sale at the Recreation office in Plant 28A for the Mets-Pittsburgh baseball game on July 30. Admission is $5.50 per person; bus transportation is $3.50. For more information, call Recreation, Ext. 2133.

Train or plane

If you're interested in taking the December trip to Walt Disney World, but you don't want to go by train, Recreation gives you a choice.

For $399, adults can fly from MacArthur Airport, leaving on December 27 and returning on Jan 2. The Amtrak package is $389 for adults, but adds two days of travel: you leave on December 26 and return on January 3.

Prices for children 12-21 are $159 by train, $199 by plane; children 2-11 go by rail for $129 and by air for $179.

Both packages feature six nights accommodations at the Holiday Inn East and an Avis car for seven days.

For more information call Recreation, Ext. 2133. Sign-up is Tuesday, September 14, in Plant 28A at 5:30 p.m.

Last chance

The veterans of Iran picnic will be held on Saturday, July 24 at the Plant 43 picnic grounds in Great River. "Hamburgers, hot dogs, soda, beer, salad and old friends will be served," says Glen Kingsley.

The picnic will start at 11 a.m. and end at 5 p.m. In case of rain it will be held on July 25. See your plant representative today for tickets. For more information call Kingsley, Ext. 4589.

Weigh-in

Grumman Recreation is now conducting classes on weight control every Tuesday. Behavior modification and interesting low calorie recipes are discussed.

The weigh-in classes take place every Tuesday from noon to 1 p.m. and from 1 to 2 p.m. in the Recreation building, Plant 28A. Meeting fee is $4 per person. For more details, call Recreation, Ext. 2269.

Golfers take two

The Grumman varsity golf squad, captained by Jim Minsky, upped their record to three wins and a tie this season with two recent victories.

The pairs of Jim Minsky and Steve Pabst and Steve Lake and Gene Piwowar beat Photocircuits by a 7-1 score on June 23.

The Grumman team then faced one of their top competitors in the Long Island Industrial Golf league on June 30, the Long Island Lighting Company.

But the LILCO team was nearly blacked out by the tough Grumman squad on the tough Bethpage Black course. Grumman took the match by a 7½-½ score.

Runners begin season

Some of the best runners from the Grumman running club took their running shoes to White Plains High School for their first corporate track meet of the season. Eighteen teams turned out for the Corporate Cup Relays on June 26.

While the Grumman team didn't finish with the fastest teams, there were some fine individual performances.

Annette Frisch and Claire Kolensky finished third in the women's five kilometer road race. The threesome of Ralph Bauer, Mel Gough and Bob Pollack finished eighth in the masters category in the men's 10 kilometer road race.

Keglers' clinic

The 1982-3 bowling season is just around the corner. If your game was a little rough around the edges last season, why not take advantage of the free Recreation-sponsored bowling clinic next month.

The clinic will be held on Tuesday and Wednesday, August 3 and 4 at Sheridan Lanes in Mineola from 5 to 6:30 p.m.

Call Herb Mahoney in Recreation, Ext. 2133, to make reservations or for more information.

On the air. *Tony Bacchi (L) and retiree Harry Collock manned a station during Field Day. This is an important event for the club and people like retiree Virginia Grebey will drive from Binghamton, New York, to make as many contacts with other operators across the country.*

Grumman radio club listens to the world

When your teenager spends endless hours with the stereo, it's probably to tune out the world. But when 39 members of the Grumman Amateur Radio Club, along with their families and friends, spent 24 hours with their radios at McKay Field, it was to tune the world in.

The club participated in the annual Field Day, which is run by the American Radio Relay League. The members started on Friday, June 25, setting up their radios, antennas and generators. According to Dick Townes, the club's president, they worked through the night to finish the job in time for communications competition to begin at 2 p.m. Saturday. Members then took turns manning these self-contained stations for the 24 hour operating period.

The club chalks up points by making contact with as many other operators across the country as they can. Last year they tallied 2,100 contacts.

It takes months for the Field Day results to be tallied, but the club already has something to cheer about. They finished first in the New York City-Long Island district of the ARRL's Sweepstakes, which were held last November.

Bouquet of winners. *Senior Vice President — Technical Operations Larry Mead (L) presented awards to first place winners at the Grumman Garden Forum show: (L to R) Amy Blackwell, Charlotte Graff, Dorothy Hopkins, Barbara Lorelli, Tom Trifaro, John Gatti, Bob Kramisen, Dot Kappenberg, Alice Miller and Ray Perticaro.*

Everything came up roses for Kramisen

Grummanite Bob Kramisen loves roses. Over 25 rose bushes are flourishing in his backyard. And now he has a "Best-in-Show" trophy that attests to his horticultural talents.

Kramisen's award-winning white Garden Party rose took the top prize in the recent Garden Forum Rose and Summer Flower Show. His entry topped the 132 other show entries -- a record number of entries for the Forum's annual June exhibit.

"I lost a lot of flowers because of the heavy rains in early June," says Kramisen. "In fact, I could only find four or five flowers to enter on the morning of the show."

Obviously, Kramisen picked a real winner in the eyes of the judges. According to show guidelines, a single exhibition bloom should be between one-half and two-thirds open on a straight, strong stem. It should have no side buds and have clean, unblemished foliage.

What's Kramisen's secret for growing champion roses? "I really don't have any special formula," says Kramisen, but "I do get a lot of help from my wife."

Other Garden Forum winners were:

Class 1 — Red Roses: Tom Trifaro, Mike Gabriel, Chuck Belensky, Ed Siebert.

Class 2 — Pink Roses: Bob Kramisen, Ray Muntz, John Dowd, Belensky.

Class 3 — Yellow Roses: Gabriel, Lillian Nigro.

Class 4 — Pink or Red Blend Roses: Dot Kappenberg, Amy Blackwell, Kramisen, Siebert, Gus Preiser.

Class 5 — White, Mauve or other color Roses: Kramisen, Dorothy Hopkins, Dowd.

Class 6 — Novice: Hopkins, Joan McGuckin, Carroll Weyant.

Class 7 — Miniature Roses (one bloom): Muntz, Belensky, Gabriel, John Gatti. Special awards: Dowd and Belensky.

Classes 8 and 9 — Sprays: Muntz, Preiser, Blackwell, Frank Sadowski.

Class 10 — Rose Collection: Alice Miller, Preiser.

Class 11 — Single Seasonal Bloom (excluding roses): Blackwell, Muntz, Sadowski, Carol Citera. Special awards: Bill Pietruszewicz, Sadowski, and Joe Gregg.

Class 11A — Peony, single: Gatti, Trafaro, Marge Dolderer, Ray Perticari. Special award: Betty McLean.

Class 12 — Seasonal Collections: Gatti, Kappenberg, Blackwell, Gregg.

Class 12A — Peony Collections: Barbara Lorelli, Perticaro, Dolderer, Charlotte Graff.

Class 13 — Arrangements: Graff, Blackwell, Nigro, Karl Hagen.

Special Bonsai Exhibit: Gene McCormack.

Rosy picture. *Bob Kramisen won 'best-in-show' at the Garden Forum Summer Exhibit for a single, perfect, Garden Party rose.*

calendar

Alcoholics Anonymous: every Mon., 4:30 p.m., Pl. 15, conference room C, closed meetings; Personnel Relations, Ext. 3521, Calverton: Chemical Dependency Discussion Group, every Mon., 4-5 p.m., Guard Hdg.; open meeting. Personnel, 369-6759, C. Robb, Ext. 117-7038

C.B.I. Vets Association: Tues, July 27 thru Sat., July 31, Meadowlands Hilton Hotel, Secaucus, New Jersey, 8 a.m. — 7:00 p.m. 35th Annual National Reunion. R. Fong, Ext. 2484/W. Pytlowany, Ext. 8617

Coin Club: (Bethpage) Wed., July 28, Pl. 25 vendor conference rooms, 12:05 p.m. Informal lunchtime meeting. K. Hale, Ext. 1825

Computer Club: 1st and 3rd Mondays of every month, Recreation bldg., 5 p.m. Computer discussion and demonstration/ beginner to advanced programming. Guests welcome. J. Hayne, Ext. 5556/ P. Frumkin, Ext. 2797

Equestrian Club: every weekday, Saddle Brook Farm, E. Northport, 6 p.m. Grumman employees and immediate family only. J. Eisenhower, Ext. 115-6003

French Club: Tues., July 27, 108 N. Windhorst Dr., Bethpage, 5:30 p.m. French readings, slides and cultural discussions. Guests welcome. L. Kaufman, Ext. 2323

GACE Flying Club: Mon., July 19, Cosmopolitan at Republic Airport, Route 110, 5:15 p.m. Regular monthly membership meeting. Guests welcome. R. Reisch, Ext. 5967/4791

Grumman Disabled American Vets Club: Fri., July 16, Sun Ming Restaurant, Jericho Turnpike and Round Swamp Rd., 8 p.m., dinner. Third anniversary dinner. Guest of Honor will be Anthony Casamento. T. Melia, Ext. 4750

Grumman Family Campers: Fri., Aug. 13 thru Sun., Aug. 15, Cedar Point. Guests welcome. B. Ingersoll, Ext. 364-3884/ J. Perrotta, Ext. 5851

Grumman Ski Club: Wed., Aug. 11, Tiki Lounge, Deer Park Ave, N. Babybn, 8:30 p.m. Guests welcome. A. Gamendia, Ext. 7819/8910

Motorcycle Club: Wed., July 21 Recreation bldg., 5 p.m. General meeting. Guests welcome. K. Mann, Ex 1645

Photography Club: Mon., July 2t Recreation bldg., 5 p.m. Guests welcome. D. Burdish, Ext. 9582

Theater Guild: Tues., Aug. 3, Fox unt, Bethpage, 5 p.m. General meeting. Guests welcome. D. Rosenberg, Ext. 761

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